



#34 / F
5-8-03
Mallari

PATENT
BTG-1002US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Michael F. STUMBORG, et al.) Group Art Unit: 2811
Serial No.: 09/137,084 /) Examiner: Hung K. Vu
Filed: August 20, 1998 /)
Title: ELECTRONIC DEVICES WITH)
BARIUM BARRIER FILM AND)
PROCESS FOR MAKING SAME)

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I certify that this document, along with any document referred to as being attached, is being deposited with the U.S. Postal Service on April 23, 2003 as first class mail under 37 C.F.R. §1.8 and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Lynne Webb
Name of person signing document

Lynne Webb
Signature of person signing document

Commissioner For Patents
Washington, D.C. 20231

Sir:

AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111

In response to the Official Action dated October 24, 2002, please reconsider the rejections therein in light of the amendments and reasoning set forth below.

IN THE CLAIMS

Please amend claims 1, 2, 21, and 23 to read as follows:

- NE.
CLAIMS
1, 2, 21, 23
CANCELLED
1. (Twice Amended) A semiconductor device comprising:
a substrate;
a barrier film having a monolayer of elemental barium atoms on said substrate;
and
a metallic material directly on said barrier film.

RECEIVED
APR 30 2003
TECHNOLOGY CENTER 2800